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BUCBEE & THOMPSON,
Manufacturing Stationers,
67 Westminster St., Providence, R. I.

Page

168

No.

48

NT 504

MP

RTAG 224

The
Mary Ann Beinecke
Decorative Art
Collection

STERLING
AND FRANCINE
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(Hager's Hole Book)

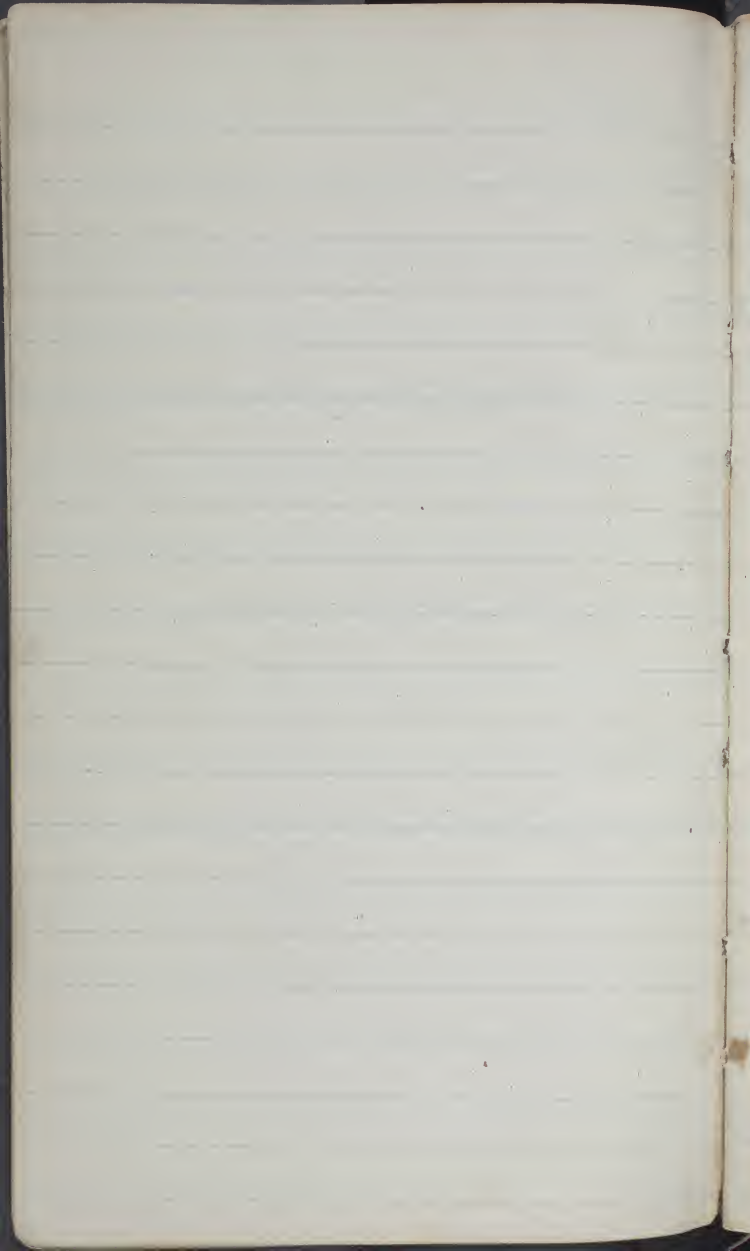
TES

G. V. McLaut, Jr.,
Mass. Inst. Tech.
Boston,
Mass.

1777 Records

Sho

13-14-15



5

1

"or" P & L.

Methylene Blue p 38.
Clear.

2 gal 6 annor 14°

1 " acetic su

1 " water (5th ed. 18th ed.)

1 pt. Ol. Oil

1 pt. Glycerine

4 qts in 1 qt hot water

Imperial Blue p 39.

2 1/2 gal. Red. Lign 1°
(Common)

2 gal water, 1 qt acetic

6 lb. Starch 1st ed. 18th ed.

~~1 pt. Ol. Oil~~

2 1/4 lb Imp. Blue

1/2 gal. Glycer. & Arsenic

(Prepared - hand

prepart. in 1 of

J. C. B. S. 30 1/2 aly. asst

2 9 of water

X = Steamed 1 hr @ 2 lbs
(One Unprepared Cloth)

XP = Steamed on
prepared cloth

XX = In case of
Methylene

in 45 sec @ 100°
1/2 in cups @ 3 gal
Draped 2 hr @ 140°

XX. In case of Imp
Blue = as above

XX but no tint.

XXP = Draped on
prepared cloth

XF = Steamed &
faded in wet in
sunt dry in sun,
3 days of sun.

XXF = Steamed
draped & faded

Comments on pre-
ceding
Nutyline is
X twice brighter
than X P.

XX slightly smoother
than XX P, but
pract. same, ^{to 1/2} @ 1/2 in. length

XX F & XX PF -

pract same ~~but at 1/2 in. length~~

XF is at least
a shade darker &
brighter than XF F

XX - are 1/2 in.
of X. XX F is
shade duller than
XX. XF ^{1 or 2} is shade
duller than X.

Nutyline
Blue gives more
for the money than
me

Imp CB Comments

X P is 1 or 2 shades
greener ^{slightly} & brighter
than X.

XX is $\text{ave } \frac{1}{3} X$
XX B is $\frac{1}{3} X P$ &

shade greener than
XX & ~~but~~ much greener in hue
than ~~very~~ group '9.
XX F is 2 shades
brighter & duller than
XX

XX BF is 4 or 5 sh.
duller or brighter
than XX P; & is
very poor indeed
X F is 1 shade duller
than X.

imperial blue,
inks almost
same as imperial
prep cloth, &
stands light &
surpass most betts
than Imperial Blue.
Imperial Blue is
however brighter
than imperial blue
but imperial cloth
is very close to
surpass.

Per Benz & Co in.
p 41 = upper half
of set of samples.
3 gal bottles
10" acetate
~~oil, Col. 1 pt.~~
are - 6 lb. Hand
12" gum

1 gal Yel Stand
1 qt ^{Cond} Red Lip 19"
10 y 6 in Cups in
acetate water

x - Steamed 1 hr @
212° - Unprep. Cloth
x P - dr on Prep
Cloth 1.10 J. C. B. A. 457
xx - Soaped & pr @ 140°
xx P - xx on Prep. Cloth
x F - Exposed 1 week
in dry environment, 3 days
of Sun.

Oil of B. Geyg
 pt 1 = Lower

half of set. of samples

4 gal. water

$\frac{1}{2}$ " Acetic

at 60° F.

" " #11 Gun

1 lb Oil diss.

in $\frac{1}{2}$ gal water

5 gal $\frac{1}{8}$ Chlorine 36°

Comments on Per Beem

X P is 1 or 2 shades
yellow & duller
than X.

XX is ave $\frac{1}{2}$ str. X
& sh. darker &
brighter than XX P.

XX F is sh. lighter
than XX

XX PF sh. lighter
than XX G.

X F is sh. duller &
lighter than X

X PF is sh. duller &
lighter than XF
& 1 or 2 sh. lighter
than X F.

Comments on Quinol.

X P is shade redder than X but not so bright.

XX is $\frac{1}{2}$ to $\frac{2}{3}$ of X

& not same hue

XX P dv to XP &

pract. same as XX

XX T pract same

as XX, X. This

ish. yellower than XX T.

X + & X P + each

1 shade lighter

than X & X P

respectively.

Quinol was tested with twice above amt of chrome, & gives a very slight tinge

duller shade
of orange, which
doesn't suit the
white as much
is soaping.

Oil gives
a far better color
than yellow sand,
is still cheaper
more expensive,
but has not yet
been tried perfectly.

A fast soap.
Hands soap & light
very well.

Prep 1:10 (30/40 Aust Feb.)



Steamed with pressure @ 2
increased to 4 or 6 lbs for
1/4 hour, in greys.

Soaped 2 runs in open
soaper, slow speed, all
benters and pumps.

1st. 4 hr 1 m, lukewarm

2d. Cold wash.

3d. Soap 160 @ 140°

4th " 140° up

5th Cold wash.

Blue. Tannin abt 1 lb 3,

3 to 1/2 Tons.

abt 100° per gal Pk.

Red. Reg. aliz. Red.

Slate. ~~4 1/2 gal~~ "Shkg" (cir 4 gal
~~water~~ acetic, 10 water, 7 lbs
Sum 20 @ 180° Starch 1 1/4 gal Tong)

Slate. 4 1/2 gal Shkg, 1/2 gal beat
2 1/2 gal dogwood 12°, 2 1/2 gal / Schen
1 oz chlorate 1/2 oz Anthracene
Blue, P & K.

Prep. 1.10 (307, used JCB)



(24) ~~cleaned & stamped as on~~
page 89.

Leik Blue as on p. 89

Red, Reg. alby

to " 1 gal. Reg. alby Red.

3 " Leik of p 34.

Rep. 1:10/30 of Acet. JCS,



Shad

Shad

Stained and Louped
as on p 29

Lk Blue. $\frac{3}{4}$ @ $\frac{1}{12}$ "O" P&K
ave $\frac{1}{3}$ Tannin Lign

" $\frac{1}{3}$ @ $\frac{1}{2}$ Tannin

Lt. Blue. $\frac{1}{6}$ oz Tartaric.

6 gal $\left\{ \begin{array}{l} 1\frac{1}{2} \text{ gal Tannin} \\ 1\frac{1}{2} \text{ " Acetic} \\ \frac{7}{8} \text{ oz "O" P\&K} \\ 1\frac{1}{2} \text{ gal 3oz "O" Lign} \\ 3 \text{ gal Boiling} \end{array} \right.$

Lt Pink. 6 gal "Shad" p 29
 $\frac{1}{2}$ gal Aliz. + D.

10 grain Saffronine x Y&Q. Hollis
1 gal Salp. Ave. Alumina $\frac{1}{2}$ gal acetic.

24 June 1880

4/28
32

4/28
32

29
clim
at. Co.

12

Prep. 1. '10 (Boys used JCB.)



Steamed and Scraped as
on page 29.

Lk Brk. as on p 32

Lk Blue " " " "

Lk Brk. 4 gal "Hk" p 29

1 pint aliz. "D.

2 oz. Saffronine

3 gal Sulphury Bl.

12 " Act Lime 21

Prep 110 (304, asst JCB. ³⁵



Stamped and Lapped as
 on p. 29
 Lt Blue / 1 gill Tannin
 1" acetie
 1 gal. water 1" "0" met. P.K.
 1 pint "00" " (30 @ 90)
 2 gal. T. rag
 Maroon. 1 1/2 gill 1/8 Chrome
 per 6 gal. Aliz Red.
 Shank. 3 quarts, Beerd
 4 gal. T. rag
 3 gills Black Pig
 3 " Berry Carm
 14 oz Vermilion

Prep. 1. 10/30/07, and J. C. B.



2 Lk Tm.

gall { 3 gall water
1 " acetic
1/2 " yell starch
1 oz ethereal Oil
5 gall aling. S. G.
1 pt Nitrate alum 24°
1 pt acetic lime 21°
3 gall Tm.

med Tm.

1 gall Lk.
2 " " 2 Lk of p 29

St. Tm.

1 gall med Tm
2 " " 2 Lk of p 29



Metaphene of O & K.
Fishes with Tannin



Imperial Blue CB. 39
or G. N. with Glycer & ans.



Therflavine T & Fast Col. Sec.

W. J. m. & Co.

Plain Cloth Hand Grip

1116 DE 88 304324

1 gal Tannin

1/2 " Acetic
1 " Water



Berry & Tin
Jeepers.

Doc. 41
J.R. Biny
(Hiteau)

X		X	X P		X P
X F		X	Berry &		X P
X F		X			X P
X F		X	Doc		X P

Prep. 1.10 (30 of J. C.B.)

Stund in ring gress

1 2 3

Steamed.
 $\frac{3}{4}$ hr @ 2
 4 " @ 6
 ————

Soaped
 open Soaper.
 2 runs at
 med speed.
 all beaters
 no pumps.
 4 eld Tin coll
 in 1 pc box
 Cold wash in
 2d box
 Soap 150° 3d
 " 160° 4th
 Cold wash 5th

"Thk'g" = 6 gal water, 2 gal acetic
 6 ew starch, 48 lbs #1 Lima all mixed
 together, then 8 gal. V. rag. added.
 med. Tan. 6 gal. thk'g: 1 gal water,
 $\frac{1}{2}$ gal. yel starch, 1 oz K.C.O.₃
 5 gill aly S.G.

1 pc Nitrate at 27°, 1 pt acetic. Ca. 21°

So. Tan. = cir $\frac{1}{3}$ Tan = 3 gal thk'g, $\frac{1}{2}$ gal H₂O
 2 $\frac{1}{2}$ gill yel starch, $\frac{1}{4}$ oz chl. nat.,
 $\frac{3}{4}$ gill aly S.G., $\frac{3}{4}$ gal Nitrate at 27°
~~So. Tan.~~ 3 gal thk'g, 1 gal Tannin
 4 oz I. nitric, 1 oz "O" met. Pb K.

stund.
1 hr 20
impres

27

steamed

3/4 hr @ 2

1/4 " @ 6

Loap.

open.

Scraped

2 runs at

med speed

all bits

no pumps.

4. ev cold 1 in

in 1st box

red wash (21

Loap 1/4 @ 150/31

" 150 @ 160/41

red wash (31



maroon as on next page.

Slate " " " "

med Blue " " " "

MARKED OFF especially
under rods on slate sheet
from maroon, even tho!

3/4 gill autote Line 21° steamed
in single
prep.

Sup. 1' 1' 1' (81 g, Acet & B.
 Stand in in sing. groups
 3

1 2

Steamed
 9 1/4 hour
 @ 2 @ 3 lbs
 4 hr @ 6 lbs

Soaped
 2 runs in
 open
 soaped
 med. sp.
 all blue
 no pump
 4 lbs 1 m
 cold in
 180° hot
 cold water
 2 soaps
 cold water
 in last
 hot

"Thick" - 6 gal water, 2 gal acet 60° Steer 48° 11° 12°
 "med. fluted" - 6 gal Thick 9, 2 gal Water
 1 1/2 pt Logwood 12°, 2 oz chlinate
 1 pt 7/8 Chrome 1/2 oz Anthracene Blue
 med Blue - 6 gal Thick 9, 1 1/2 Tannin
 1/2 gal. acetic, 5 oz Tartaric, 5 oz "O" 11°
 1/4 oz Bill. Green.
 "maroon" 6 gal Thick 9, 9 oz alum,
 3 qts alizarin S.G.
 in 1/2 gal water, 2 1/4 quarts Nitro
 alumina 27°, 1 qt acetic, fine 21° 36°
 1 qt. Sulfococoy. Soda, 1/2 gill 7/8 Chrome

Rep 1:10 (30/100) as at
ges.

13

Steamed

$\frac{3}{4}$ hr @ 2 en

$\frac{1}{4}$ hr @ 6"

Soaped

Open

Soaped

2 runs

at med

speed

4 to 1 in

col in

1st box

col wash
in 2d.

Soap in

2d 4th

col wash
in 3.

(and Sgare 100g added after boiling)

Lt. Pink! 3 gal. Shk's, $\frac{1}{2}$ gal Water

$\frac{1}{2}$ gill aliz. L.D

$\frac{1}{4}$ oz Saf. xy. R. Holliday & Sons.

1 gill Sulphocyanate aluminu

$\frac{1}{2}$ " Cude acetate dine 21°.

Med Blue. as on of ap. page.

Dark Blue. " " next "

MARKED OFF slightly
in blue blanches from
pink, even though steamed
in single greps.

Prep 1, 10 (30-40 used for B.)

1 2

3



Steamed

3/4 hr @ 203

1/4 " @ 6

Scraped

2 runs in

Open Scraper

mid. speed

4 hr @ 1 in

150 tps

crd wash 20

Scrp 30 140 @ 157

" 40 150 @ 166

fold wash

all blades

no pumps.

dk Blue.

6 gal. water, 6 lb stock 48 lb 741 2000 lb
thk 9 1/2 ft. foil, and 8 gal T. orange

dk. Blue: 6 gal thk 9, 2 1/2 ft. Log 12

3 pts. Indophenol. exp. 11 gms. alk. Dec.

1 oz H₂CO₃ 2 gts 1/8 chrome 36°

6 oz Fast Blue B B B B, B. S. & 1 filler. in
1 gal. water.

1 oz. use on p 42

same! " - p 43.

Run Feb, 1890.

47

Outing Flannels

On following Pages
"Stained" - in grey { 1 hr @ 225
1st swatch { 1 hr @ 26

Soaped - 1 run (slow or med)
20 swatches
spin soaper 2 lbs tin
in 1st box (except tans
& browns) 2 soaps at
160° up.

3d swatch moistened in
mangle & run thro.
pinning frame.

4th swatch - Faded 2
weeks, - sight by
several days of sunshine.

5th swatch. Hard soaps
2 hr at 150°. Merely
stirred in soap.

Ship and Per. Berry
Prep 1, 10 Dm (the 6 pica 19 in)



N.O. Sup. Q. N.P. Q. N.O. Q.

Herbs, stemmed & with roots

10 lb 1 an. 10 lb 1 an.
 8 gal Acetic, 14 gal Water
 4 $\frac{1}{2}$ " Yel. Starch, 9 oz Chlinate
 32 lb Starch, 40 lb Gum
 $\frac{1}{2}$ gal. ol. Oil.

34 gal Trag
 1 gal 3 pts Valiz. S.G.
 1 " Nitr al. 27, 1 gal Ac. Lureti

Thick'g for Med. & St. Tan
 3 gal acetic 7 gal Water
 12 lb. Starch, 16 lb Gum, 10 gal Trag
 Med. Tan = 6 lb, 12 Thick'g
 St. Tan = 3 Med, 6 "

Ally & Suffering
Prep. 1. '10 City Circle



Light Pink

8 gal Acetic 20 gal Water
 3 pts Ol. Oil. 32 lb starch 42 lb Gum
 $4\frac{3}{4}$ oz Saffranine X, 33 gal Trag
 $2\frac{1}{4}$ gal Aliz. I.D. $1\frac{1}{2}$ qt Sulphur. Al
 $1\frac{1}{2}$ pint Acet. Lime.

Light Pink

1 gal Acetic 2 gal Water
 $\frac{1}{2}$ gal Ol. Oil. $3\frac{1}{2}$ Starch $4\frac{1}{2}$ Gum
 1 oz Saffranine X, 3 gal Trag
 at Aliz. I.D. $1\frac{1}{2}$ qt Sulphur. Al
 3 gal Ac. Lime
Light Blue.

as on page 55.

Indrophenol, 70 grains
Prep. 1, 10 of Qu (1/2 elapine)
circ 29 in



& Methylene.

53

P

Dark Blue

4 gal Acetic, 3 gal Water
4^{lb} " Logwood 12 1/4 lb Chlorate
(20 lb, 26 lb) 3 pts 'Coc Oil.

2-lb Bisulph, Soda (solid)

1 qt Glycerine, 4 oz 0

17 gal Trng. 6 qts. Into. Gd.

2 " 7/8 Chrome, 1 gal. R. Lign.

Red.

As on page 37

Greenish Blue.

As on page 53

Merfylline "O" & "O" "O" "O"
Pub 11/10 Day (i like per cir 29 m)



These
steamed
a month
after pitting
in small
chest.

Lo Blue.

3 lbs Tartare, 12 gal Acetic
12 gal Tannin 13 (old brand)
25 lb starch 34 lb Gum
 $\frac{1}{2}$ gal. Col or Ol. Oil

1 qt Glycerine. 7 oz 0, 1 oz 00
24 gal Trag

Lo Blue.

1 lb Tartare, 4 gal Acetic
8 gal Tannin 13. $\frac{1}{2}$ gal Oil
14 lb. Starch 18 lb Gum
1 lb 3rd Glycerine
6 gal Trag

Lo Pink

as on page 51

Aliz mine & Chouffe
1 sup 1/10 Luy Cuzg in luth



48 oz Alum, 8 gal Water, 1 Sheet
6 qts Ol. Oil, 24 lb Stk, 3 lb Gum
8 gal Trag, 7 gal Aliz^{P. 6} in
3 gal water. 3 gal. Nital 27°
3 gal. Autoline 21°
4 1/2 qts 7/8 Chrome
4 gal. Lt Red of p 59, 3 gal. Reg Red,
1 gal Same Garnet all paste
3 " Lt Pink, 3 gal Lt Pink
70

3 qt Black, 4 gal Tannin
3 gal Black, 2 1/2 gal B. Cap
4 oz Vermilion
5 Blue - 1 pt. K. Oil 9 oz Tartaric
2 gal aell. 1 1/2 Strog Tannin water
10x 9 lemon 1/2 pt. Syle 2oz 0 3/4 00
1/4 gal Tannin

Meeting line 00
Pek 20th 1:10 (1st w piece)
or 29 in



No P.

P.

No P

P

Red dots
steamed
with kind
Blue dots
alind a
month
after by
small chest



Blue. 2 gal oil

(2.4)

3 ev. Tartaric, 8 gal Strong Tar
12 gal acet. 4 gal water
28 lb Strong 140 lb Gum
3 lb "oo." 24 gal Strong

Reg. Aliz. Red.

18 oz Alum, 3 gal Water
3 gal acetic 2 lbs ol Oil
9 lbs Strong 12 lb Gum

4 1/2 gal Strong, 10 1/2 lbs aliz
in 1 1/2 " water 4 1/2 lbs Nitral 2 1/2
4 1/2 lbs ac. lime,
3 lbs. Sulphur. L. in.
Red.

2 gal alone Red
7 1/2 " Lt. Pink p 51

Aliz & Pen Seary.

3/90

Prep 1:4 Wet Pos. uneven.

Cleaned in
Large Chest
1 hr @ 2 lbs
 $\frac{1}{2}$ " 6 "

Ground by
Pleasuring

7 above
Padded on
Print Mack
2 rollers
 $\frac{1}{2}$ gal a. acid
 $\frac{1}{2}$ gal water
 $\frac{1}{4}$ of Tin cups
slud 1 hr @ 2
 $\frac{1}{4}$ " @ 6

4. before
with 150°
& washer
Beetled
&
Calendered

Hand Soap
 $\frac{1}{2}$ hr at 150°
merely
slud in
soap.

3 Faded
Repairs
3 or 4 shades
& lighter
a shade

Aliz. & Per. Benz. #61
Variations in shade!!

Scraped in open med. Speed
2 Drops @ 160° & benzoic

then oil

12 gal Water

37 " acetic

1/2 " yel. Starch

~~4 oz. Phosphate~~ Should have had but didn't.

or 25 lb Starch

" 35 " Gum

1/2 gal Ol. Oils

15 gal Trag

1 @ 1/4 gal Aliz. Lg.

6 gal Potash Alum 27°

3 gal ~~W~~ 1/8 Schyone 10°

3 gal aet Lime 24°

1/4 " 3/3 Iron

Don't rely for met.

Strain in 'rag)

Have cold.

Col. raised in shade
in piece, pass on r/c of
prepart.

Logwood, Bark, Berry 3/9
Prep. 1. '4 W. L. P. S. unives

Steamed 15
min in sweet
at 6 lbs.

do

"and Methylene "0" 63

2 gal. water
3 " acetic
5 " Bmk 12
2 1/2 " Benz 24
6 " Lyndur 12
2 lb Chlorate
1 qt cot oil
50 lb Starch
50 " Gum

1 lb 12 oz "0"
20 gal Trag
4 " 7/8 lb home
43 gal.
Strain in Trag.
Have cold.
Col. varied
in shade on
piece, pass on
of prep. m.

Steamed 1 hr @ 2 ev 1/2 hr @ 6
(washed bef. steaming)
Dipped in open, slow speed
2 wraps @ 150° up & beater.
2 min. 1st exp cold 2d. cir 38°
Foda chem, This steam done
into running water, soap,
cold water beater.
dried or slow.
Thoroughly oiled on Pint mach.
& ~~dry~~ tinted. Beeter
& calendered

Hand wrap 1/2 hr @ 150°
thoroughly steamed in soap

24 Faded.
Lighten & yellow 2 or
3 shades. Vine put
shinest most.

(Ox K). 3/9
Anthracene &
Prep 1.4 (Jed. a. Asst.)

opened med
3, & 4 160°
Then 4 mps
soak &

above
D added
gal Hg - 0
6 " water
oz 6 in cups
(in 2 Bx's)

Hand soap
1/2 hr @ 150°
merely
stirred in
soap
(Brady)
Faded
Very Brady

8 gal water
1 " acetic
1 at Oil
3 " Logwood
3 oz chlorine
cir 13 lb starch
cir 17 " gum

1 1/2 gal Yel SD.
5 gal 100% in
12 oz anthracene
and gal water
3/4 gal alk 7/8
20 1/2 gal.

Logwood

Possibly uneven shade,
Variations in

Speed.

Soak.

in log, cold
washer.

on print made
at J.C.B.
Butler &
Calender

Very dark
if a dark

As on left but $\frac{1}{3}$
more Logwood, yellow
in Anthraquinone Blue, & Chrome,
Color varied, poss. on
the prep.

Aliz and Bereng 3/4
Prep. 1. 4. Wet Rose. eleven
Variations!!!

Stind (W
1/2 @ 2 lv
1/2 " @ 6 "
Lge chest
Unwashed
Med Speed
2 Drops
Boat ab
bef. oil g.

Oiled on
12 gal Adlt
4 or 5 in Cup
at 2 on 10
then Soap
4 trips in
washers
Beetles
Calender

Soaped
1/2 @ 15
merely
stirred
in
2 rap.

(2) Faded
Renden
2 or 3
shades

Aliz & Geo. Berry.
35 gal.

und. bef
steaming

in open
@ 160°

P. Mack
6 gal mtr

log. 140°

12 gal water
5 " acetic
 $\frac{1}{2}$ " ol. oil
 $1\frac{1}{2}$ " Yel. Starch
7 oz chlorate
cir 25 lb starch
cir 35 " Gum.

15 gal Tong (strain in)
1 @ 14" Aliz LG.
3 qts Nitro alum 27°
5 " $\frac{1}{8}$ Chrome 36°
2 " Acet Lime 24°
cir 1 pl $\frac{3}{3}$ Iron.

2nd of the mix!!
Have cold.

Colts varied, press
on a/c prepared.

Anthracene Blue No Prep.

3 gal. Slacks
Paste, thick
3 gal. Tray
3 lb. anth. Blue Stuck
in 1 gal cold Water
2 1/2 qts 1/4 Chrome

Steamed
12 min @ 6 lbs
Small chest
1 lb @ 2 lbs
1/4" @ 6"
Lge chest

Use gun with
starch, or flour.
This spreads
easily, sometimes
on light pat-
terns by work-
ing in top.

#1 Popped
by hand
stirring, no
rubbing
20 min @ 150°

#2 Popped
as above

much Soap
of #1 2
10 lbs in reel
6 mps en gr
1 lb &
washer
140 @ 130°

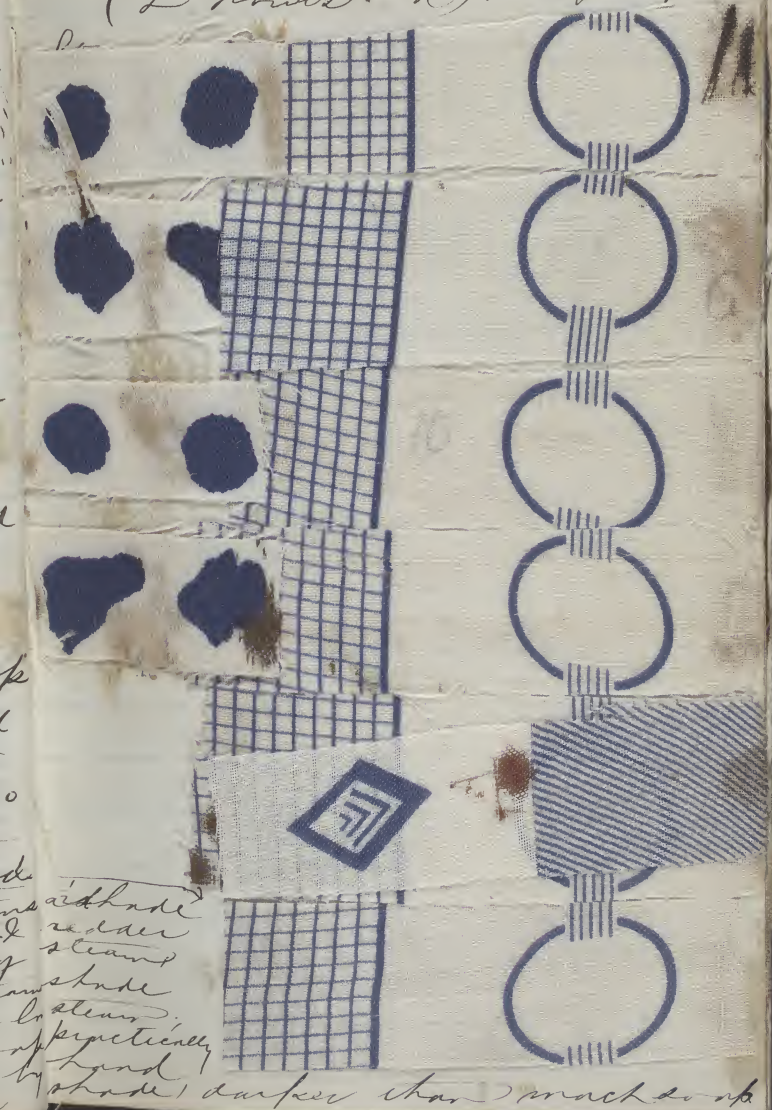
Pro addition of
biancophite would
be an advantage

Finished
Not steamed
darker & 2
in long 2
pint steam
redder, in la-
bock, soap
like by
and a

around slacks
had an extra
run through 2 lge
@ 140 @ 150°

69

Anthracene Blue
(2 hours old) No prep.



Shiz mine Red No Pup.

5 gal water
 2 1/2 " Acetic
 12 oz Alum
 1/2 gal Oil Oil
 7 qts aly Sg
 in 3 1/2 water &
 shape thro rag.
 3 qts Nitr. Al. 27°
 3 " Acet line 21°
 1 " Sulphoc. Soda

Steamed 1
 12 min @ 65°
 Small chest

Steamed 2
 1 hr @ 2
 2 1/2 " @ 6
 Large chest

Soaped
 1st temp @ 120°
 7 min
 5 gal water
 1 at 1/2 temp
 1/2 oz Soda
 20 12 min @ 150°
 Same strength
 No temp
 all hand soap
 1/2 to rubbed
 slightly.

Do not use
 too much thk'g
 as aly has a
 thk'g action.

Say 8 lb Soda
 " 2 " Alum

Wash Soap
 2 1/2 lb in
 reel @ 120°
 10 ps
 6 nips en in
 2 legs @ 150°
 @ 160°
 washer.

Re diamond flash
 1st on reel 120° 2 legs 140°
 20 1 leg 140° 1 " 160°
 30 " 1 " 150° 1 " 160°
 legs full threaded.
 Soaped hard because
 marked badly in legs.
 Should have full reel

Reicher dot
 12 print ad
 quilt as
 bug at on skin
 steam after
 tho. fully

Winkham

Alizarme Red 717
3 hrs old. No Prep.



Extra
hard
soaping

as dark as long steamed.
as soaped is. shade lighter
and brighter.

Alizarine, Catechu^{3/4}
 Prof 4.4 met (J. C. B. A. H.)



Finished

Hand soap
 1 hr at 150°
 merely stoved
 in soap.

11 Faded
 lightens a
 shade.
 Stains very
 well

6 gal Catechu	9 gal Trag
5 " Berry 24°	3 1/2 " Aliz, Pl.
6 " Bark 12°	1 1/2 gal Water
5 " Acetic	5 " 5/8
1 " Logwood 12°	2 1/2 " 7/8
3 1/4 lb Chloride	1 1/4 " 3/3 Iron.
42 lb Lard	
54 " Gum	37 gall.
1/2 gal oil	

Logwood Bark, Berry⁷³
Variations in shape
Possibly uneven prep.



Finished (ground bef. cleaning)
Steamed 1 hr @ 2, 2 hr @ 6
Looped slow in open, 2 Soap @ 160
" 2d run (med) 1 water, 2 =
5 qt. Sod. Chem 20" & steam dome
3, hot water, 4, Soap @ 160, 5 Wash
2d run same.
Finally tinted on Bonach
& checked
Beetled & calendared.

Color as of a but
add. 1 gal Logwood
color much, poss in use prep.

Indophenol G.M. (M.J.S.) ^{3/4}
 Prep. 1:4 JCS's Asset.



Finished

Hand soap
 2 hr at 150°
 merely ~~stained~~
 stained in
 soap.

Fladed
 Duller 2 or
 3 shades &
 lighter a
 shade.

9 gal Water	1 qt Glycerine
6 " Acetic	8 oz 2 " 4 oz 00 "
6 " Logwood	20 gal Trog
1/4 lb Chlorate	3 " Indoph. G.
85 lb Starch	2 1/2 " 7/8 Chrome
85 " Gum	1 " Red Lign
1/2 gal Cod Oil	2 1/2 qt Fel. stand.
2 1/2 lb Bisulph.	(49 gal)
F.d.s. (stained in sweat)	

Logwood & methylene 767

Wet Pup. Possibly uneven.
Slight Variations



Finished = cir as on pre-
ceding page.

Color as on left but
Bisulphite Soda was
down gradually to
1 1/2 lb.

Color varied some-
what, press on use of pre-
pare.

least. of preceding
D. G. colors.

allowing $\frac{1}{8}$ for swelling
 due to starch & gum,

90 lbs require 112 gal
 using, double bleach
 or $\frac{1}{4}$ gal per piece,

33 @ 34 inches wide &

57 yds long in grey,

1 gal Blue = 0.73

1 " Olive = 0.47

1 " Brown = 0.52

1 " Garnet = 0.27

1 " Slate = 0.31

av = 0.46

= 1.1 c @ yard

= \$259 @ 450 ps

"Faded" = exposed

in So. window two weeks

not more than 3 or 4

cloudy days.

Ending of D. G. Colours.

The Bism is almost perfectly fast to light garnet, olive & blues are fair, but slate is very fugitive. The washed colours = "Hand soap" fade about in the same proportion as the others except the olive which yellows much more in proportion, probably because the hand soap removed chiefly the fairly light fast o, & left the fugitive lo garnet. Bel "Hand-soap" fastest



Cochineal and

Reg
Hester
1hr @ 24

2

Open deeper
med speed.
all Cores must
be die
2 gal acet
in last trap by
Perfectly soft
At center
die seems to

dull. & leather are unnecessary

2

D 3 gal Tray
2" acet
1/2 gal y stand
1 qt 1 in (3/4)
1/2 pt Coch
Lign 3 3/4
1/2 gal. Coc. tile
muds sly
in string 2

Per. Berry Salmon.

"Coch. Ligr $2\frac{1}{2}^{\circ}$ " 3 lbs Coch.

(not ground, / boiled down
from 6 gal to 4 gal in $1\frac{1}{4}$ @
 $1\frac{1}{2}$ hr gives abt $2\frac{1}{2}^{\circ}$

$3\frac{3}{4}^{\circ}$ Standard (cis) as foll.

4 gal $2\frac{1}{2}^{\circ}$ Coch Ligr

6 oz Oxalic in 1 gal Water

3 pts Com. Red Ligr 19°

Color.

6 gal. Trag. (6 gr)

2 " Acetic 8°

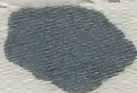
$\frac{1}{4}$ gal yel. Stand

5 grams Tin Cryst

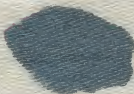
$2\frac{1}{2}$ pts Stand.

This Salmon casts any
2 ev. blue that runs in on
this pattern without tint loc.

Methylene - I am in
1 2 ¹⁰ engraving



D



X

Faded

3 or 4 days
each of sun
& cloudy sky.
Greened &
duller nearly,
2 shades.

Greens a shade on $\frac{3}{4}$ gal
white, $\frac{1}{2}$ on cream.

x - Steamed 1 hr @ 2 lbs
Large Chest.

Color. 13 gal.

1 gal Water

" Acetic

1 qt Glycerine

3 qts Ol. Oil

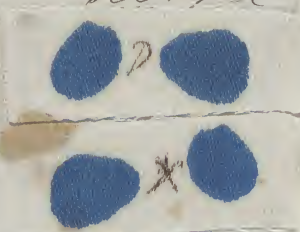
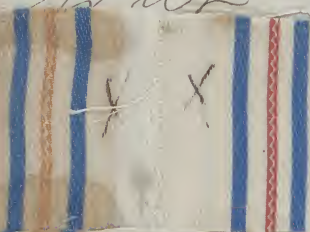
3 oz 0, 1 pt on (2 oz @ gal)

1 gal 1 oz (6 oz)

$\frac{1}{2}$ " Acetic 1 gal 1 oz 27°
(13 pts more Ol. Oil, as
seemed rather stiff)

The color worked well
and was unusually bright
I have no signs of fading
after 8 hrs bright sun.

Fast Blue BBBB
with 1/8 Chrome



X = very clean @ 2 lbs.
XX = med speed open
2. after 100" @ 100"
all new beakers.
Does not bleed except
slightly around seams.
Removes 1/2 shade @ 1



Hand soap
with good
watering
1st leg soap
@ 400 @ 440 @ 460
1/2 hour
Too fugitive
for anything
beginning much
washing.



Exposed to 4 hrs.
Bright sun
Both null &
brighten 1/2 shade

Blot. All 1 rag 19/90

1 Bisulphite Soda

6 gal. (rag) 16 3/4

1st Bisulphite 2 1/2

(= av 122 Bisul finely powdered, in 1 qt Warm water)

5 of 4 B in 1 gal hot water
1/2 gal cold "

6 gram 1 Bleo flavine T. W. J. (1)

in 1 pt hot, 1 pt Cold water

5 gal 7/8 Chemie with 1 pt
cold water ^{35°}

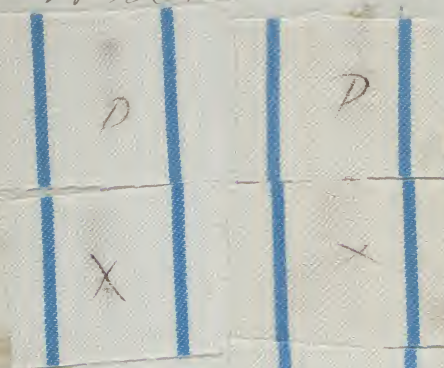
1/2 gal Ol. Oil

the nearly doubles in
shade on steaming & conse-
quently is redder.

Look out for white, as
blue raises on steaming

Ultramarine Methyl-
with $\frac{1}{2}$ lb. Salt

Shed



Steamer
1 hr (w 2 etc)



W oil
at 112° X
water
lightness &
shade by
washing
of 0, 8, 20
redness &
shade.



Does not
bleed.

Faded
4 hours
light sun
Redden
2 shade

lene Blood Color 5/9/91

Ammoniac per. gal Blood

2 gal Blood

60" (2 gal)

3 1/2 lbs net

2 gal "O" (2 gal)

1 lb Sal. Ammoniac.

2 gal Mixed Oil

Glycerine.

Does not mark over
and in staining @ 2 lbs

Leaves a shade in staining

Stands rubbing fairly
well, but more blood

would prob. improve.

apparent sal. ammon makes
a little better.

Paste Chrome Green

1 pt $\frac{7}{8}$ Chrome 36
" $\frac{5}{8}$ " 34
2 oz chlorate
3 qt. water
12 oz starch.
Hand scraped
at 160° 1 hour.

(merely a strike off for
determining action of chrom
chlorate on thickening)
The be is weakened 3.

All frag. pretty lens
1 and fine 6/6/90

This image shows a blank, aged, cream-colored ledger page. The page is divided into a grid by dark brown lines. The grid has 4 columns and 10 rows. The first column is the widest, followed by two columns of medium width, and the last column is the narrowest. The page shows signs of wear, including creases, discoloration, and a small dark mark near the bottom center. The right edge of the page is slightly irregular and shows some staining.

A. G. S.
3 gal. Acetic
1 1/2 " Glycerin
1 1/2 " Tartaric
Sew to be
in cop. ket
remove at
once to a
clock.

qtz. s.s. S.
" gill o (2)
" oo (2)

greens - a shade
on stemmyt is
slightly duller
and oil has no
effect

1 gal water
1/2 gal tannin
strain all into
5 gal strained Tr
add 1 gal Ol. & Oil
& alcohol

1811.

Je vous
salue avec une
bonne réception

